



PIERCE ATWOOD One Monument Square Portland, ME 04101 270-791-1236



Box Patent Application Assistant Commissioner of Patents Washington, D.C. 20231

Transmitted herewith for filing is the patent application of:

Applicants:

Chengyu Liu, Franklin Costantini, and Jin Wang

Title:

Controlling Offspring's Sex ratio By Targeting Transgenes Onto The

Sex Chromosomes

Attorney Docket No. 19412-17732001

Pages of Specification:

12

Pages of Claims:

4 (12 total/1Indep.)

Pages of Abstract:

Sheets of Drawings:

Signed Declaration:

1

Entity Status Claimed: Small

Assignment with

Recordation Cover:

Assignee: Chengyu Liu

Invention Disclosure

Statement:

Prior Art References:

This application claims the priority benefit of U.S. provisional patent application serial no. 60/173,096, filed December 27, 1999.

Basic filing fee	355.00
Total claims in excess of 20 x 9.00	0.00
Independent claims in excess of 3 x \$39.00	
Multiple dependent claims	- 0 -
Recordation fee (if applicable)	0.00
TOTAL FILING FEE	355.00

 $\bowtie$ A check in the amount of \$355.00 is enclosed.

Please charge Deposit Account No. 500282 for any deficiency of fees as follows:

 $\boxtimes$ 

Filing Fee

Any additional fees associated with this paper or during the pendency of this application.

Respectfully submitted,

Chris A. Caseiro, Reg. No. 34,304

Mm a. Casci

Pierce Atwood

One Monument Square Portland, ME 04101

207-791-1236

207-791-1350 (Fax)



"EXPRESS MAIL Mailing Label Number: <u>£1.487845857US</u> Date of Deposit: December 27, 2000

I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington,

DC, 20231. (Am (A. Case 10.)

Chris A. Caseiro\_



## **UTILITY APPLICATION**

## **FOR**

## UNITED STATES LETTERS PATENT

TITLE:

Controlling Offspring's Sex Ratio By Targeting

Transgenes Onto The Sex Chromosomes

INVENTOR(S)

Chengyu Liu Rockville, MD

Franklin Costantini Pelham, New York

Jin Wang

Verona, New Jersey

**ASSIGNEE** 

Chengyu Liu

**ENTITY**:

Small

Pierce Atwood One Monument Square Portland, ME 04101 207-791-1236

## CERTIFICATE OF MAILING

"EXPRESS MAIL Mailing Label Number: £L48784585745 Date of Deposit: December 27, 2000

I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, DC, 20231.

Chris A. Caseiro